



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

RECEIVED

OCT 11 2000

OFFICE OF PETITIONS  
DEPUTY A/C PATENTS

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional application No. 60/089967, filed on June 19, 1998.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Gain Tilt Control With Mid-Stage Attenuators In Erbium-Doped Fiber Amplifiers** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

International Application No.	Filing Date	Status
PCT/US99/13812	18 June 1999	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Thomas J. Bean	(Reg. No. 44528)
Lester H. Bimbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Jeffery J. Brosemer	(Reg. No. 36096)
Kenneth M. Brown	(Reg. No. 37590)
Craig J. Cox	(Reg. No. 39643)
Donald P. Dinella	(Reg. No. 39961)
Guy H. Eriksen	(Reg. No. 41736)
Martin I. Finston	(Reg. No. 31613)
William S. Francos	(Reg. No. 38456)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Anthony Grillo	(Reg. No. 36535)
Stephen M. Gurey	(Reg. No. 27336)
John M. Harman	(Reg. No. 38173)
Matthew J. Hodulik	(Reg. No. 36164)
Michael B. Johannesen	(Reg. No. 35557)
Mark A. Kurisko	(Reg. No. 38944)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
Scott W. McLellan	(Reg. No. 30776)
Martin G. Meder	(Reg. No. 34674)
John C. Moran	(Reg. No. 30782)
Michael A. Morra	(Reg. No. 28975)
Gregory J. Murgia	(Reg. No. 41209)
Claude R. Narcisse	(Reg. No. 38979)
Joseph J. Opalach	(Reg. No. 36229)
Neil R. Ormos	(Reg. No. 35309)
Eugen E. Pacher	(Reg. No. 29964)
Jack R. Penrod	(Reg. No. 31864)
Gregory C. Ranieri	(Reg. No. 29695)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ronald D. Slusky	(Reg. No. 26585)
David L. Smith	(Reg. No. 30592)

Ozer N. T. It Ibaum	(R g. No. 36008)
John P. V. schi	(Reg. No. 39058)
David Vol jnicek	(R g. No. 29355)
Charles L. Warren	(Reg. No. 27407)
Jeffrey M. Weinick	(Reg. No. 36304)
Eli Weiss	(Reg. No. 17765)

Please address all correspondence to the Docket Administrator (Rm. 3C-512), Lucent Technologies Inc., 600 Mountain Avenue, P. O. Box 636, Murray Hill, New Jersey 07974-0636. Telephone calls should be made to Jeffery J Brosemer by dialing 732-949-6710.

Full name of 1st joint inventor: Atul Kumar Srivastava

Inventor's signature Atul K. Srivastava Date 2/15/2000

Residence: Eatontown, Monmouth County, New Jersey

Citizenship: India

Post Office Address: 111B White Street  
Eatontown, New Jersey, 07724

Full name of 2<sup>nd</sup> inventor: James William Sulhoff

Inventor's signature James W. Sulhoff Date 2/16/2000

Residence: Ocean, Monmouth County, New Jersey

Citizenship: United States of America

Post Office Address: 1147 Deal Road  
Ocean, New Jersey, 07712

Full name of 3<sup>rd</sup> inventor: Yan Sun

Inventor's signature Yan Sun Date 2/18/00

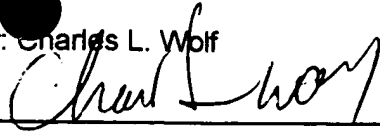
Residence: Middletown, Monmouth County, New Jersey

Citizenship: China

Post Office Address: 908 Knollwood Drive  
Middletown, New Jersey, 07748

Full name of 4<sup>th</sup> inventor: Charles L. Wolf

Inventor's signature



Date

4/17/2000

Residence: Oceanport, Monmouth County, New Jersey

Citizenship: United States of America

Post Office Address: P.O. Box #101  
Oceanport, New Jersey, 07757

Full name of 5<sup>th</sup> inventor: Jianhui Zhou

Inventor's signature

Date

Residence: Freehold, Monmouth County, New Jersey

Citizenship: China

Post Office Address: 119 Kentucky Way  
Freehold, New Jersey, 07728

Full name of 6<sup>th</sup> inventor: John Lehrer Zyskind

Inventor's signature

Date

Residence: Hummelstown, Dauphin County, Pennsylvania

Citizenship: United States of America

Post Office Address: 670 Pheasant Run Road  
Hummelstown, Pennsylvania, 17036

Full name of 4<sup>th</sup> inventor: Charles L. Wolf

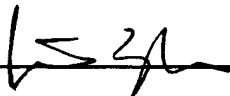
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Oceanport, Monmouth County, New Jersey

Citizenship: United States of America

Post Office Address: P.O. Box #101  
Oceanport, New Jersey, 07757

Full name of 5<sup>th</sup> inventor: Jianhui Zhou

Inventor's signature  Date 4/27/00

Residence: Freehold, Monmouth County, New Jersey

Citizenship: China

Post Office Address: 119 Kentucky Way  
Freehold, New Jersey, 07728

Full name of 6<sup>th</sup> inventor: John Lehrer Zyskind

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_


Residence: Hummelstown, Dauphin County, Pennsylvania

Citizenship: United States of America


Post Office Address: 670 Pheasant Run Road  
Hummelstown, Pennsylvania, 17036

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> 1. <b>Atul Kumar Srivastava</b> 2. <b>Jam s William Sulhoff</b> 3. <b>Yan Sun</b> 4. <b>Charles L. Wolf</b> 5. <b>Jianhui Zhou</b> 6. <b>John Lehrer Zyskind</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>2. Name and address of receiving party(ies):</b> Name: <b>Lucent Technologies Inc.</b> Internal Address: _____  Street Address: <b>600 Mountain Avenue, P. O. Box 636</b> City: <b>Murray Hill</b> State: <b>NJ</b> Zip: <b>07974-0636</b>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <b>Jan.</b>			<div style="text-align: center;"><b>RECEIVED</b>  OCT 11 2000</div>	
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is A. Pat nt Application No.(s) <b>PCT/US99/13812</b> B. Patent No. (s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Nam : <b><u>Docket Administrator</u></b> Internal Address: <b><u>Room 3C-512</u></b> Street Address: <b><u>600 Mountain Avenue</u></b>  <b><u>P. O. Box 636</u></b>  City: <b><u>Murray Hill</u></b> , State: <b><u>New Jersey</u></b> , Zip: <b><u>07974-0636</u></b>		<b>6. Total number of applications and patents involved:</b> <b>1</b>  <b>7. Total fee (37 CFR 3.41) \$ <u>\$40.00</u></b>  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number: <u>12-2325</u></b>  (Attach duplicate copy of this page if paying by deposit account)		

DO NOT USE THIS SPACE

<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <b>Jeffery J. Brosemer- Reg. No. 36096</b>  Name of Person Signing _____ Signature _____  Date: <b>January 25, 2000</b> _____ Total number of pages including cover she t, attachments, and document: <b>8</b>	
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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D. C. 20231

## ASSIGNMENT AND AGREEMENT

For value received, we, Atul Kumar Srivastava, of Eatontown in the County of Monmouth and the State of New Jersey, and James William Sulhoff, of Ocean in the County of Monmouth and the State of New Jersey, and Yan Sun, of Middletown in the County of Monmouth and the State of New Jersey, and Charles L. Wolf, of Oceanport in the County of Monmouth and the State of New Jersey, and Jianhui Zhou, of Freehold in the County of Monmouth and the State of New Jersey, and John Lehrer Zyskind, of Hummelstown in the County of Dauphin and the State of Pennsylvania, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Gain Tilt Control With Mid-Stage Attenuators In Erbium-Doped Fiber Amplifiers** described in an application for Letters Patent of the United States, Serial No. 60/089967, filed June 19, 1998, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

*Atul Kumar Srivastava*

Atul Kumar Srivastava

Date: 2/15/2000

United States of America )

State of *New Jersey* ) ss.:

County of *Monmouth*

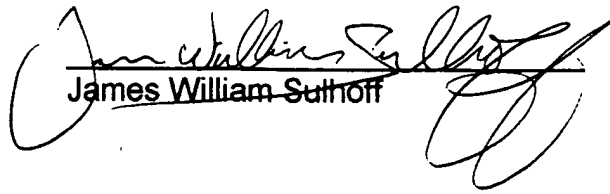
On this 15<sup>th</sup> day of February, 2000, before me personally came, Atul Kumar Srivastava to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Margaret Cardoso*

Notary Public

**MARGARET CARDOSO**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Dec. 02, 2003**



  
James William Sulhoff

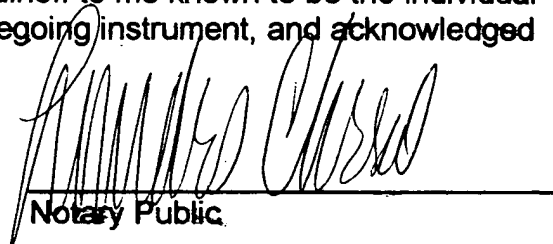
Date: 2/16/2000

United States of America )


State of New Jersey ) ss.:

County of Monmouth )

On this 16<sup>th</sup> day of February, 2000, before me personally came, James William Sulhoff to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

**LOURDES CHESAL**  
Notary Public State of New Jersey  
My Commission Expires 4/24/2001

  
\_\_\_\_\_  
Yan Sun

Date: 2/18/00

United States of America )

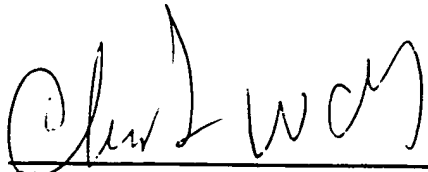
State of New Jersey ) ss.:

County of Monmouth )

On this 18<sup>th</sup> day of February, 20 00, before  
me personally came, Yan Sun to me known to be the individual described in and  
who executed the foregoing instrument, and acknowledged execution of the  
same.

  
\_\_\_\_\_  
Notary Public

**MARGARET CARDOSO**  
**NOTARY PUBLIC OF NEW JERSEY**  
My Commission Expires Dec. 02, 2003

  
\_\_\_\_\_  
Charles L. Wolf

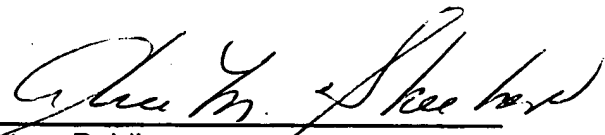
Date: 4/17/2000

United States of America )

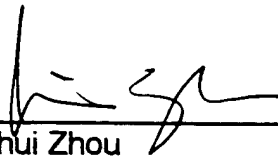
State of NEW JERSEY ) ss.: 051-30-7571

County of MONMOUTH

On this 17<sup>th</sup> day of APRIL, 2000, before  
me personally came, Charles L. Wolf to me known to be the individual described  
in and who executed the foregoing instrument, and acknowledged execution of  
the same.

  
\_\_\_\_\_  
Notary Public

MY COMMISSION EXPIRES  
8-13-2002

  
Jianhui Zhou

Date: 4/27/00

RECEIVED

OCT 11 2000

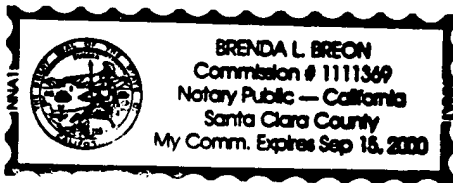
United States of America )

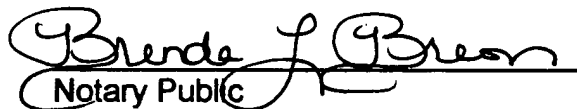
State of California ) ss.:

County of Santa Clara

OFFICE OF PETITIONS  
DEPUTY A/C PATENTS

On this 27<sup>th</sup> day of April, 2000, before me personally came, Jianhui Zhou to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



  
Notary Public

\_\_\_\_\_  
John Lehrer Zyskind

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came, John Lehrer Zyskind to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636



ATTACHMENT "B"

**Lucent Technologies**  
Bell Labs Innovations



Jeffery J. Brosemer, Ph.D.  
Corporate Counsel

Lucent Technologies Inc.  
Room 3K-223  
101 Crawfords Corner Road  
Holmdel, NJ 07733

Telephone 732 949 6710  
Facsimile 732 949 0292  
E Mail jeffy@lucent.com

**RECEIVED**

OCT 11 2000

January 18, 2000

OFFICE OF PETITIONS  
DEPUTY A/C PATENTS

EJ049980127US

Mr. J. L. Zyskind  
Sycamore Networks  
10 Elizabeth Drive  
Chelmsford, Massachusetts 01824

Re: A. K. Srivastava 14-21-13-1-4-28

Dear John:

Enclosed please find the "Assignment and Agreement", and "Declaration and Power of Attorney" documents with regard to the above referenced patent application for your signature.

Please note that the "**Assignment and Agreement**" document must be notarized. Please sign your name as it appears using blue ink.

As these documents are due to the USPTO by February 19, 2000; please return to me as soon as possible in the self-addressed prepaid Express Mail envelope.

If you have any questions, please contact me at 732-949-6710.

Thank you.

Very truly yours,

*Jeffery J. Brosemer/d*

Encs.

## ASSIGNMENT AND AGREEMENT

For value received, we, Atul Kumar Srivastava, of Eatontown in the County of Monmouth and the State of New Jersey, and James William Sulhoff, of Ocean in the County of Monmouth and the State of New Jersey, and Yan Sun, of Middletown in the County of Monmouth and the State of New Jersey, and Charles L. Wolf, of Oceanport in the County of Monmouth and the State of New Jersey, and Jianhui Zhou, of Freehold in the County of Monmouth and the State of New Jersey, and John Lehrer Zyskind, of Hummelstown in the County of Dauphin and the State of Pennsylvania, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Gain Tilt Control With Mid-Stage Attenuators In Erbium-Doped Fiber Amplifiers** described in an application for Letters Patent of the United States, Serial No. PCT/US99/13812, filed June 18, 1999, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

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We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree [redacted] when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

\_\_\_\_\_  
Atul Kumar Srivastava

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came, Atul Kumar Srivastava to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public



\_\_\_\_\_  
James William Sulhoff

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came, James William Sulhoff to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Yan Sun

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came, Yan Sun to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Charles L. Wolf

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came, Charles L. Wolf to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Jianhui Zhou

Date: \_\_\_\_\_

United States of America )

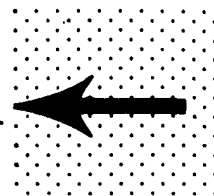
State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came, Jianhui Zhou to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
John Lehrer Zyskind



**SIGN  
HERE**

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came, John Lehrer Zyskind to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636



**Lucent Technologies**  
Bell Labs Innovations



**Jeffery J. Brosemer, Ph.D.**  
Corporate Counsel

Lucent Technologies Inc.  
Room 3K-223  
101 Crawford Corner Road  
Holmdel, NJ 07733

Telephone 732 949 6710  
Facsimile 732 949 0292  
E Mail jeffy@lucent.com

April 13, 2000

EJ049984574US

EJ049984565US

Mr. J. L. Zyskind  
Sycamore Networks  
10 Elizabeth Drive  
Chelmsford, Massachusetts 01824

Re: A. K. Srivastava 14-21-13-1-4-28

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If you have any questions, please contact me at 732-949-6710.

Thank you.

Very truly yours,

*Jeffery J. Brosemer/d*

Encs.

## ASSIGNMENT AND AGREEMENT

For value received, we, Atul Kumar Srivastava, of Eatontown in the County of Monmouth and the State of New Jersey, and James William Sulhoff, of Ocean in the County of Monmouth and the State of New Jersey, and Yan Sun, of Middletown in the County of Monmouth and the State of New Jersey, and Charles L. Wolf, of Oceanport in the County of Monmouth and the State of New Jersey, and Jianhui Zhou, of Freehold in the County of Monmouth and the State of New Jersey, and John Lehrer Zyskind, of Hummelstown in the County of Dauphin and the State of Pennsylvania, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Gain Tilt Control With Mid-Stage Attenuators In Erbium-Doped Fiber Amplifiers** described in an application for Letters Patent of the United States, Serial No. 60/089967, filed June 19, 1998, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Atul Kumar Srivastava

Atul Kumar Srivastava

Date: 2/15/2000

United States of America )

State of New Jersey ) ss.:

County of Monmouth

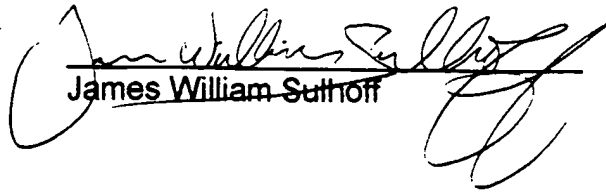
On this 15<sup>th</sup> day of February, 2000, before me personally came, Atul Kumar Srivastava to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Cardoso

Notary Public

**MARGARET CARDOSO**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Dec. 02, 2003**



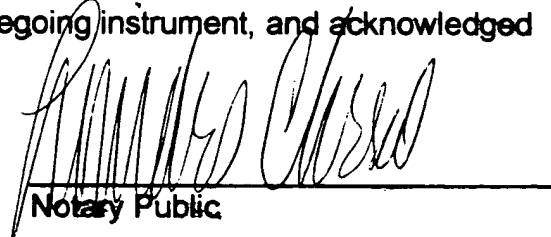
  
James William Sulhoff

Date: 2/16/2000

United States of America )

State of New Jersey ) ss.:  
County of Monmouth )

On this 16<sup>th</sup> day of February, 2000, before me personally came, James William Sulhoff to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

**LOURDES CHESAL**  
Notary Public State of New Jersey  
My Commission Expires 4/24/2001

  
\_\_\_\_\_  
Yan Sun

Date: 2/18/00

United States of America )

State of New Jersey ) ss.:

County of Monmouth )

On this 18<sup>th</sup> day of February, 2000, before me personally came, Yan Sun to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

**MARGARET CARDOSO**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Dec. 02, 2003**

\_\_\_\_\_  
Charles L. Wolf

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came, Charles L. Wolf to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Jianhui Zhou

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came, Jianhui Zhou to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
John Lehrer Zyskind

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came, John Lehrer Zyskind to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

RECEIVED

JUN 11 2000

Declaration and Power of Attorney

OFFICE OF PETITIONS  
DEPUTY A/C PATENTS

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional application No. 60/089967, filed on June 19, 1998.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Gain Tilt Control With Mid-Stage Attenuators In Erbium-Doped Fiber Amplifiers** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

International Application No.	Filing Date	Status
PCT/US99/13812	18 June 1999	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Thomas J. Bean	(Reg. No. 44528)
Lester H. Bimbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Jeffery J. Brosemer	(Reg. No. 36096)
Kenneth M. Brown	(Reg. No. 37590)
Craig J. Cox	(Reg. No. 39643)
Donald P. Dinella	(Reg. No. 39961)
Guy H. Eriksen	(Reg. No. 41736)
Martin I. Finston	(Reg. No. 31613)
William S. Francos	(Reg. No. 38456)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garcera	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Anthony Grillo	(Reg. No. 36535)
Stephen M. Gurey	(Reg. No. 27336)
John M. Harman	(Reg. No. 38173)
Matthew J. Hodulik	(Reg. No. 36164)
Michael B. Johannesen	(Reg. No. 35557)
Mark A. Kurisko	(Reg. No. 38944)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
Scott W. McLellan	(Reg. No. 30776)
Martin G. Meder	(Reg. No. 34674)
John C. Moran	(Reg. No. 30782)
Michael A. Morra	(Reg. No. 28975)
Gregory J. Murgia	(Reg. No. 41209)
Claude R. Narcisse	(Reg. No. 38979)
Joseph J. Opalach	(Reg. No. 36229)
Neil R. Ormos	(Reg. No. 35309)
Eugen E. Pacher	(Reg. No. 29964)
Jack R. Penrod	(Reg. No. 31864)
Gregory C. Ranieri	(Reg. No. 29695)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ronald D. Slusky	(Reg. No. 26585)
David L. Smith	(Reg. No. 30592)

Oz r. J. T. itelbaum  
John P. V. schi  
David Volejnicek  
Charles L. Warren  
Jeffrey M. Weinick  
Eli Weiss

(Reg. No. 30000)  
(R g. No. 39058)  
(Reg. No. 29355)  
(Reg. No. 27407)  
(Reg. No. 36304)  
(Reg. No. 17765)

Please address all correspondence to the Docket Administrator (Rm. 3C-512), Lucent Technologies Inc., 600 Mountain Avenue, P. O. Box 636, Murray Hill, New Jersey 07974-0636. Telephone calls should be made to Jeffery J Brosemer by dialing 732-949-6710.

Full name of 1st joint inventor: Atul Kumar Srivastava

Inventor's signature Atul K. Srivastava Date 2/15/2000

Residence: Eatontown, Monmouth County, New Jersey

Citizenship: India

Post Office Address: 111B White Street  
Eatontown, New Jersey, 07724

Full name of 2<sup>nd</sup> inventor: James William Sulhoff

Inventor's signature James W. Sulhoff Date 2/16/2000

Residence: Ocean, Monmouth County, New Jersey

Citizenship: United States of America

Post Office Address: 1147 Deal Road  
Ocean, New Jersey, 07712

Full name of 3<sup>rd</sup> inventor: Yan Sun

Inventor's signature Yan Sun Date 2/18/00

Residence: Middletown, Monmouth County, New Jersey

Citizenship: China

Post Office Address: 908 Knollwood Drive  
Middletown, New Jersey, 07748



Full name of 4<sup>th</sup> inventor: Charles L. Wolf

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Oceanport, Monmouth County, New Jersey

Citizenship: United States of America

Post Office Address: P.O. Box #101  
Oceanport, New Jersey, 07757

Full name of 5<sup>th</sup> inventor: Jianhui Zhou

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Freehold, Monmouth County, New Jersey

Citizenship: China

Post Office Address: 119 Kentucky Way  
Freehold, New Jersey, 07728

Full name of 6<sup>th</sup> inventor: John Lehrer Zyskind

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Hummelstown, Dauphin County, Pennsylvania

Citizenship: United States of America

Post Office Address: 670 Pheasant Run Road  
Hummelstown, Pennsylvania, 17036